Maths in the Wild: The Maths and Neuroscience of Walking- MCQs

Name: _____ Date: _____

1. Which sense is most important for balance?

   A. Visual

   B. Auditory

   C. Taste

   D. Vestibular

2. Which sense tells you where your limbs are?

   A. Vision

   B. Proprioception

   C. Hearing

   D. Taste

3. Why combine sensory information?

   A. Increase confusion

   B. Reduce error

   C. Slow decisions

   D. Ignore senses

4. Which experiment removes visual information?

   A. Blindfold

   B. VR

   C. Memory task

   D. Graph

5. What happens to memory with more objects?

   A. Improves

   B. Stays same

   C. Perfect

   D. Gets worse

6. Which condition is most accurate for walking?

   A. Vision only

   B. Body only

   C. Combined

   D. No cues

7. What does sensory weighting mean?

   A. Ignore senses

   B. More trust in reliable cues

   C. Use muscles

   D. Only vision

8. Why use virtual reality?

   A. Entertainment

   B. Improve memory

   C. Remove walking

   D. Control Sensory Information

9. How does maths help this research?

   A. Decoration

   B. Prediction

   C. Entertainment

   D. Guessing